

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance: With respect to claims 13 and 21, the Prior art does not teach an operating specifications evaluation step in which a driving device for identifying a motor constant of a permanent magnet motor is provided to a user of a compressor having said permanent magnet motor installed therein, and said driving device drives said permanent magnet motor installed in said compressor to extract a first counter-electromotive voltage constant and a second counter-electromotive voltage constant of said permanent magnet motor an efficiency monitoring step in which the efficiency of a product is monitored based on a variation between said first counter-electromotive voltage constant of said permanent magnet motor obtained in said operating specifications evaluation step and said second counter-electromotive voltage constant of said permanent magnet motor obtained in said operating specifications evaluation step, said compressor with said permanent magnet motor being installed in said product from a second counter-electromotive voltage constant of said permanent magnet motor obtained in said operating specifications evaluation step; and an efficiency reduction reporting step in which an efficiency improvement measure including such as the timing of exchanging said compressor is reported by an indicator, when the efficiency of said product obtained in said efficiency monitoring step is reduced. Claims 1, 2, 5-11 and 13-24 are allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Erick Glass whose telephone number is (571)272-8395. The examiner can normally be reached on 9-5 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Walter Benson can be reached on 571-272-2227. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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